

AQUEOUS NANOPARTICLE DISPERSION

Publication number: JP2004027226 (A)

Publication date: 2004-01-29

Inventor(s): AMICK DAVID RICHARD; GORE ROBERT HOWARD; LORAH DENNIS PAUL; NEEDY JAMES WATSON +

Applicant(s): ROHM & HAAS +

Classification:

- **International:** C09K3/00; A01N25/10; A01N25/24; A61K8/81; A61Q3/02; B08B17/06; B32B27/00; B32B27/08; C04B24/26; C04B40/00; C04B41/48; C04B41/63; C08F2/04; C08F6/06; C08F8/44; C08F25/02; C08F265/04; C08F265/06; C08F285/00; C08F291/00; C08J3/07; C08L27/06; C08L33/06; C08L51/00; C08L67/02; C08L77/02; C08L77/06; C09B63/00; C09B67/08; C09D5/03; C09D5/14; C09D7/00; C09D7/12; C09D11/10; C09D17/00; C09D13/06; C09D151/00; C09J5/00; C09J5/06; C09J7/02; C09J11/00; C09J133/06; C09J151/00; C11D3/37; C08L33/12; C08L69/00; C08L77/00; C09K3/00; A01N25/10; A01N25/24; A61K8/72; A61Q3/02; B08B17/00; B32B27/00; B32B27/08; C04B24/00; C04B41/45; C04B41/60; C08F2/04; C08F6/00; C08F8/00; C08F25/70; C08F265/00; C08F285/00; C08F291/00; C08J3/02; C08L27/00; C08L33/00; C08L51/00; C08L67/00; C08L77/00; C09B63/00; C09B67/00; C09D5/03; C09D5/14; C09D7/00; C09D7/12; C09D11/10; C09D17/00; C09D13/06; C09D151/00; C09J5/00; C09J5/06; C09J7/02; C09J11/00; C09J133/06; C09J151/00; C11D3/37; C08L69/00; (IPC1-7) C08F6/00; C09K3/00

- **European:** A01N25/10; A01N25/24; A61K8/81K4; A81Q3/02; B08B17/06; B32B27/00; B32B27/08; C04B24/28K; C04B40/00D4; C04B41/48K; C04B41/63; C08F2/44; C08F25/70; C08F265/04; C08F265/06; C08F285/00; C08F291/00; C08F291/00; C08J3/07; C08L27/06; C08L33/06; C08L51/00B; C08L51/00B; C08L51/00B; C08L67/02; C08L67/02; C08L77/02; C08L77/06; C09B63/00; C09B67/00B48; C09C9/03F; C08D5/14; C09D7/00D; C09D7/12M; C09D11/10B; C09D17/00; C09D17/00D; C09D133/06; C09D151/00B; C09D151/00B; C09J5/00; C09J5/06; C09J7/02D; C09J7/02F; C09J7/02F2D; C09J11/08; C09J133/06; C09J151/00B; C11D3/37B12; C11D3/37C6F; Y01N20/00; Y01N8/00

Application number: JP20030168857 20030613

Priority number(s): US20020389043 20020614

Also published as:

EP1371667 (A1)
 ZA200304540 (A)
 ZA200304541 (A)

Abstract of JP 2004027226 (A)

PROBLEM TO BE SOLVED: To provide an aqueous nanoparticle dispersion useful for water-based industrial and consumer products such as a latex coating. ; **SOLUTION:** The new water-based PNP (crosslinked polymer nanoparticle) dispersion is provided. The water-base PNP dispersion is prepared from a solvent-based PNP having 1-50 nm particle diameter. An associative thickener composition is based on the PNP having, on the average, at least two hydrophobic groups extending from the surface of the PNP. ; **COPYRIGHT:** (C)2004 JPO

..... Data supplied from the **espacenet** database — Worldwide